

FIG. 1

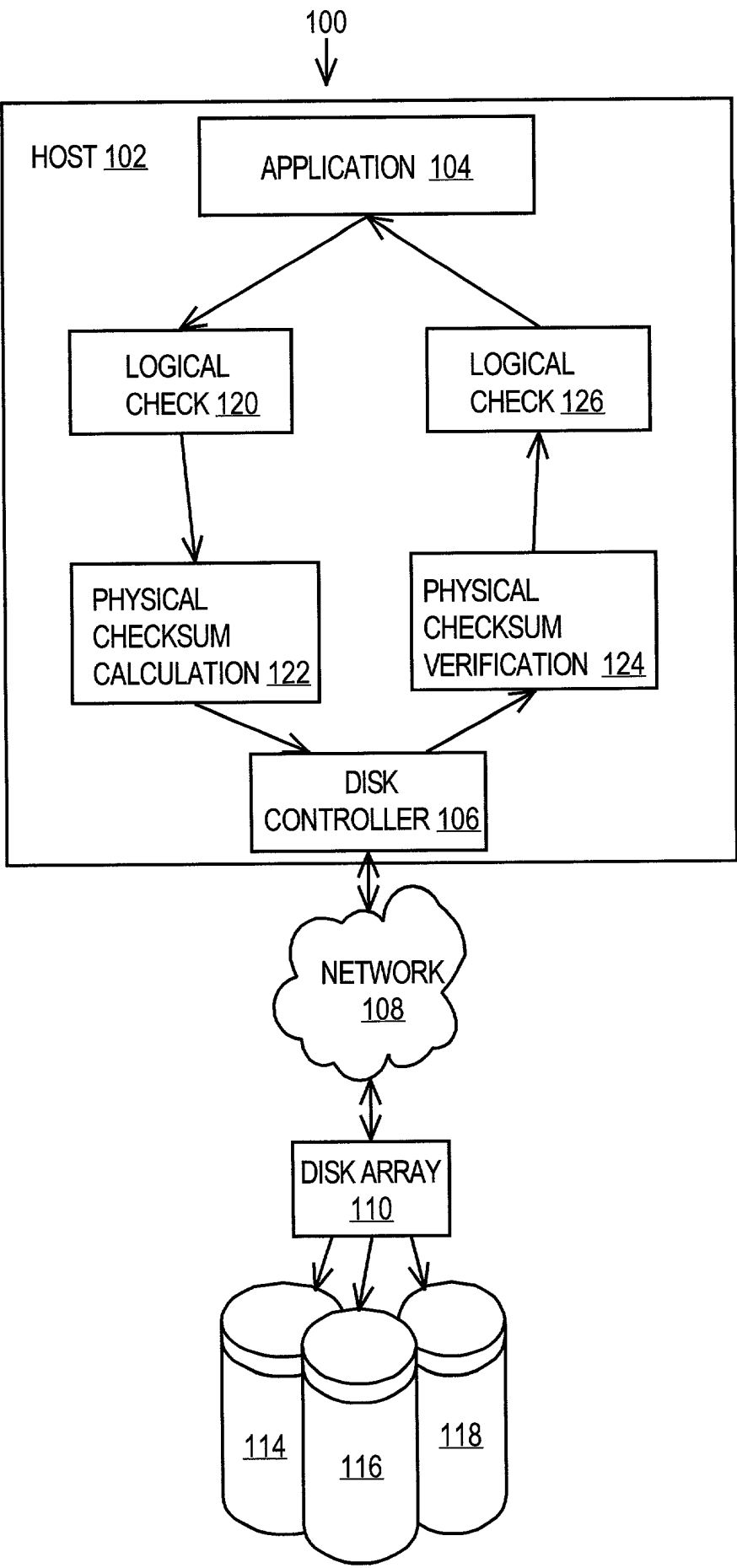


FIG. 2

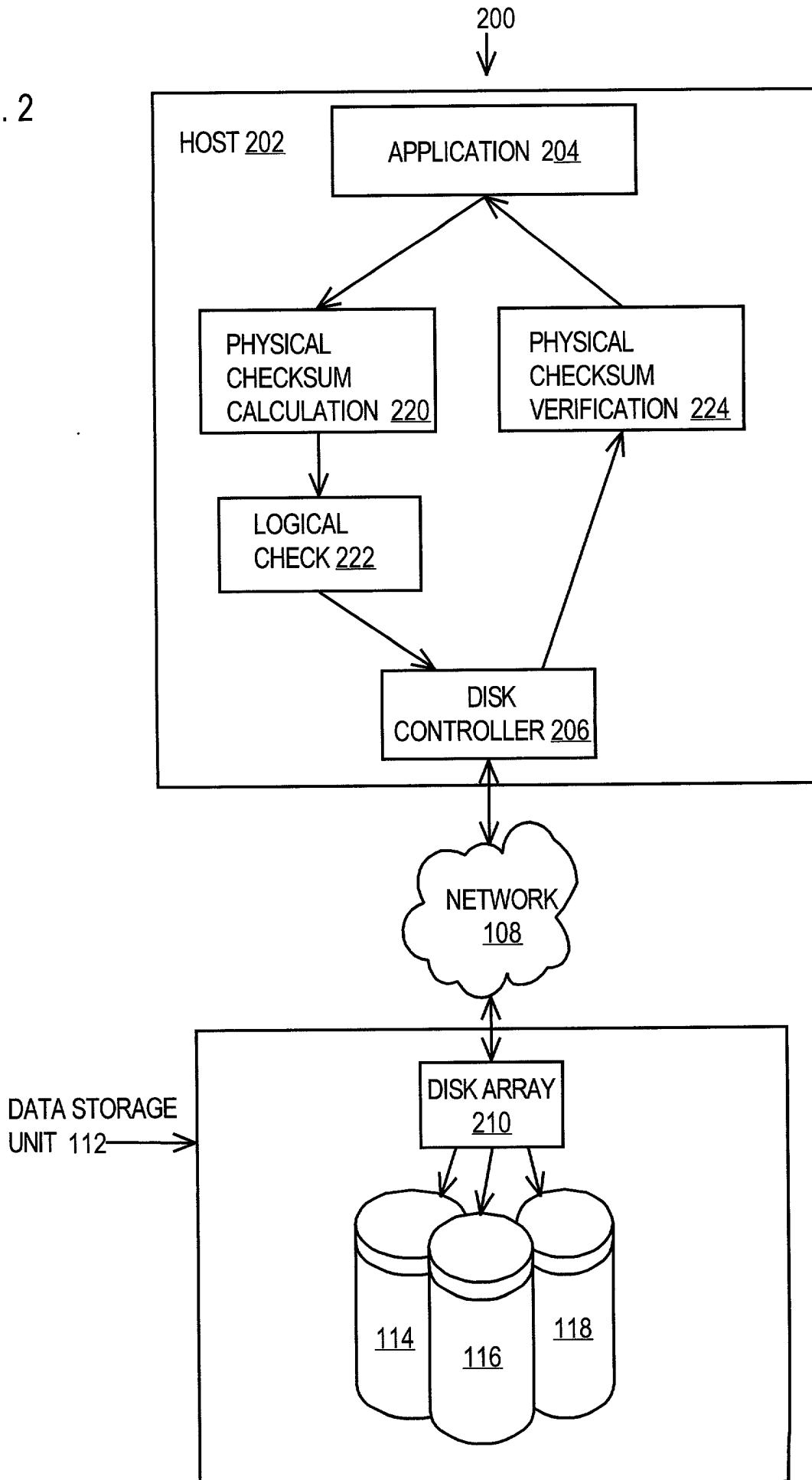


FIG. 3A

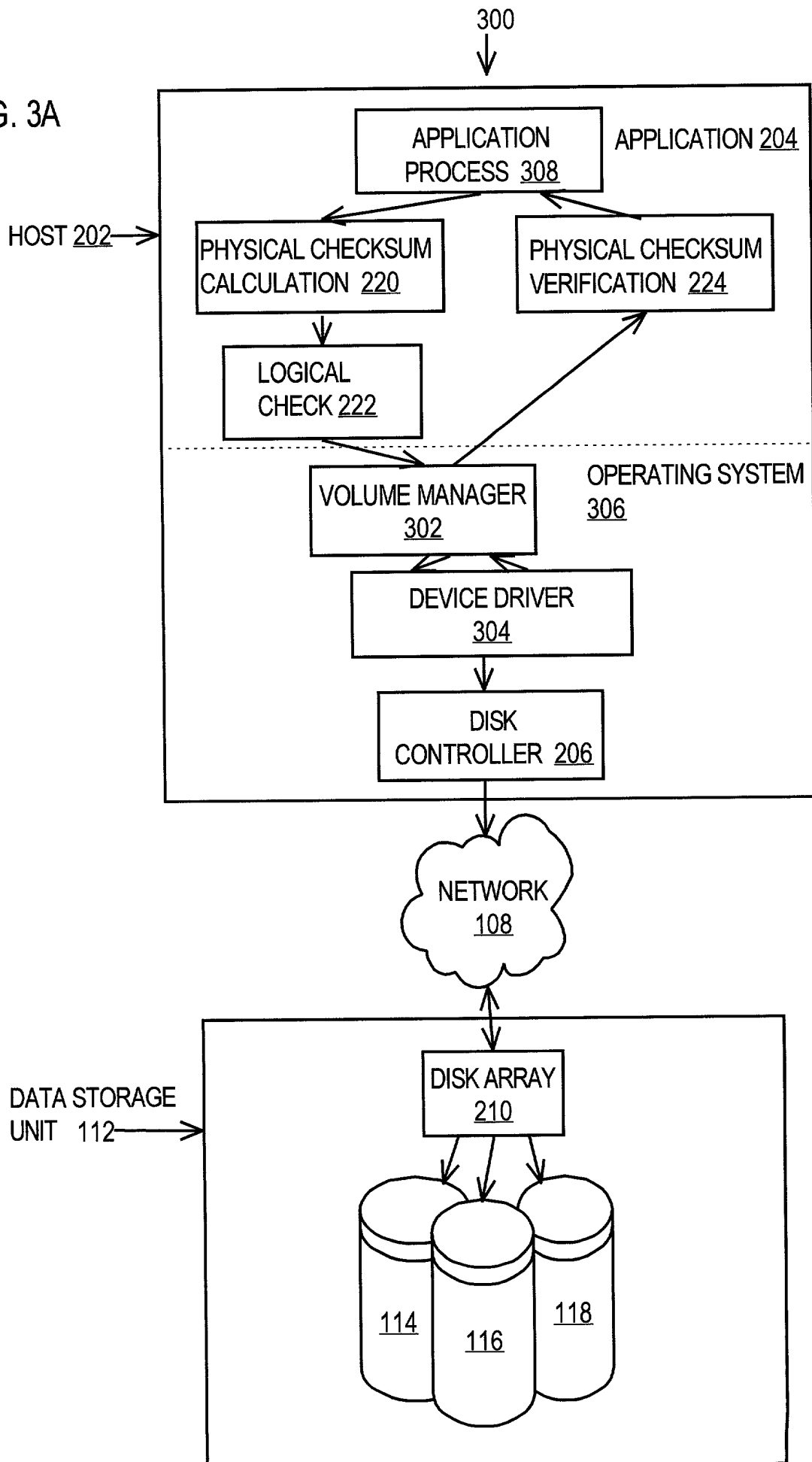
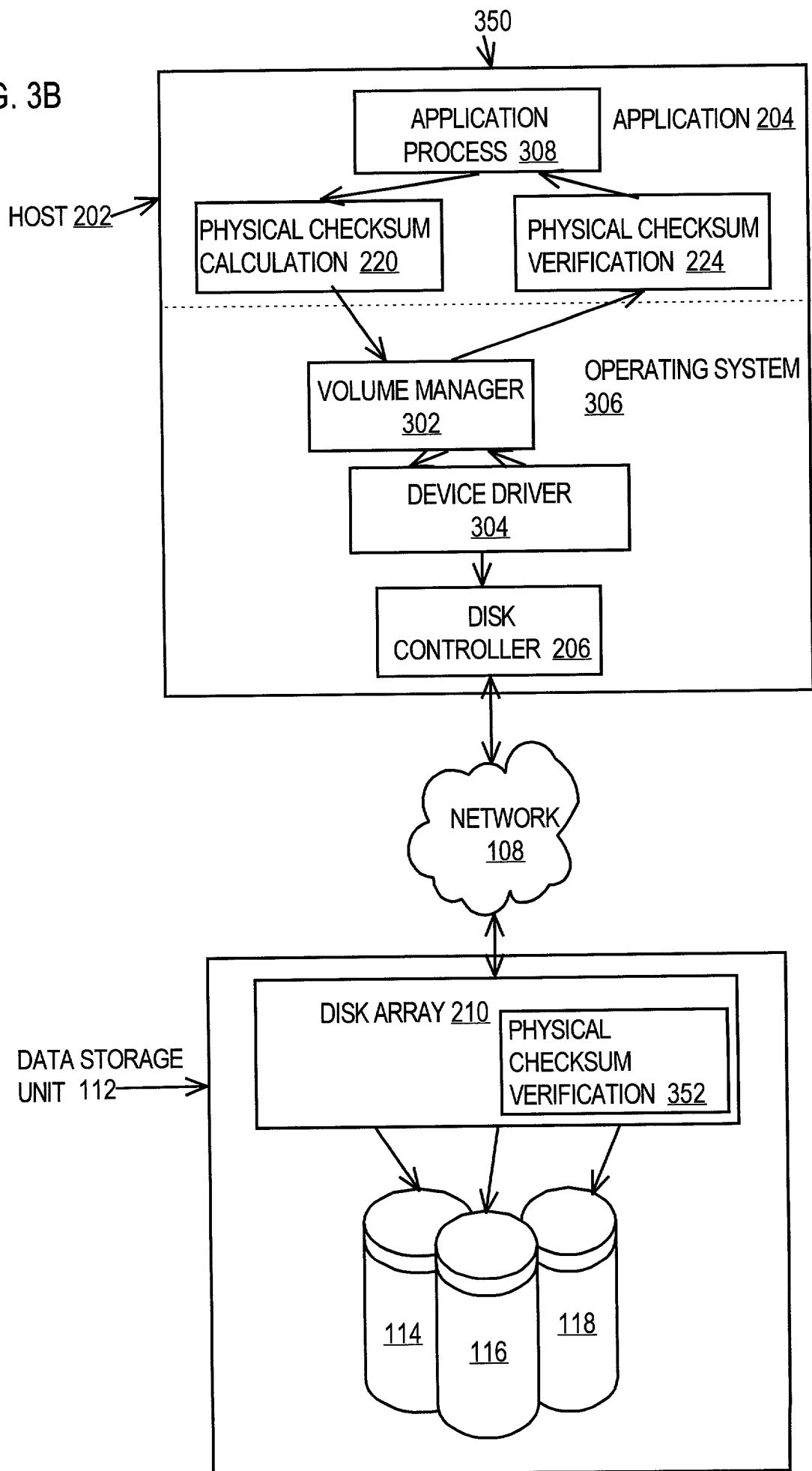


FIG. 3B



US 2017/0100000 A1

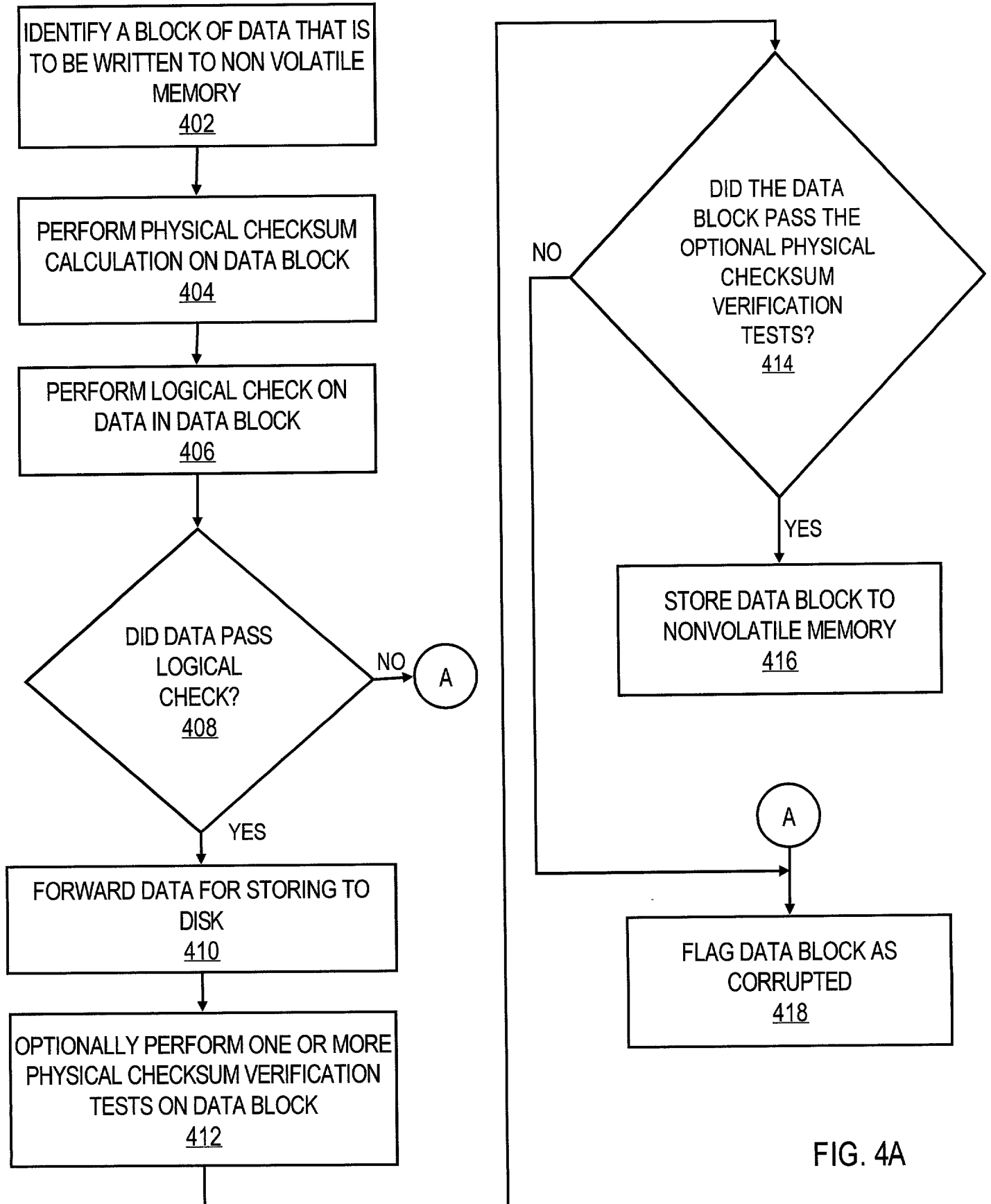


FIG. 4A

FIG. 4B

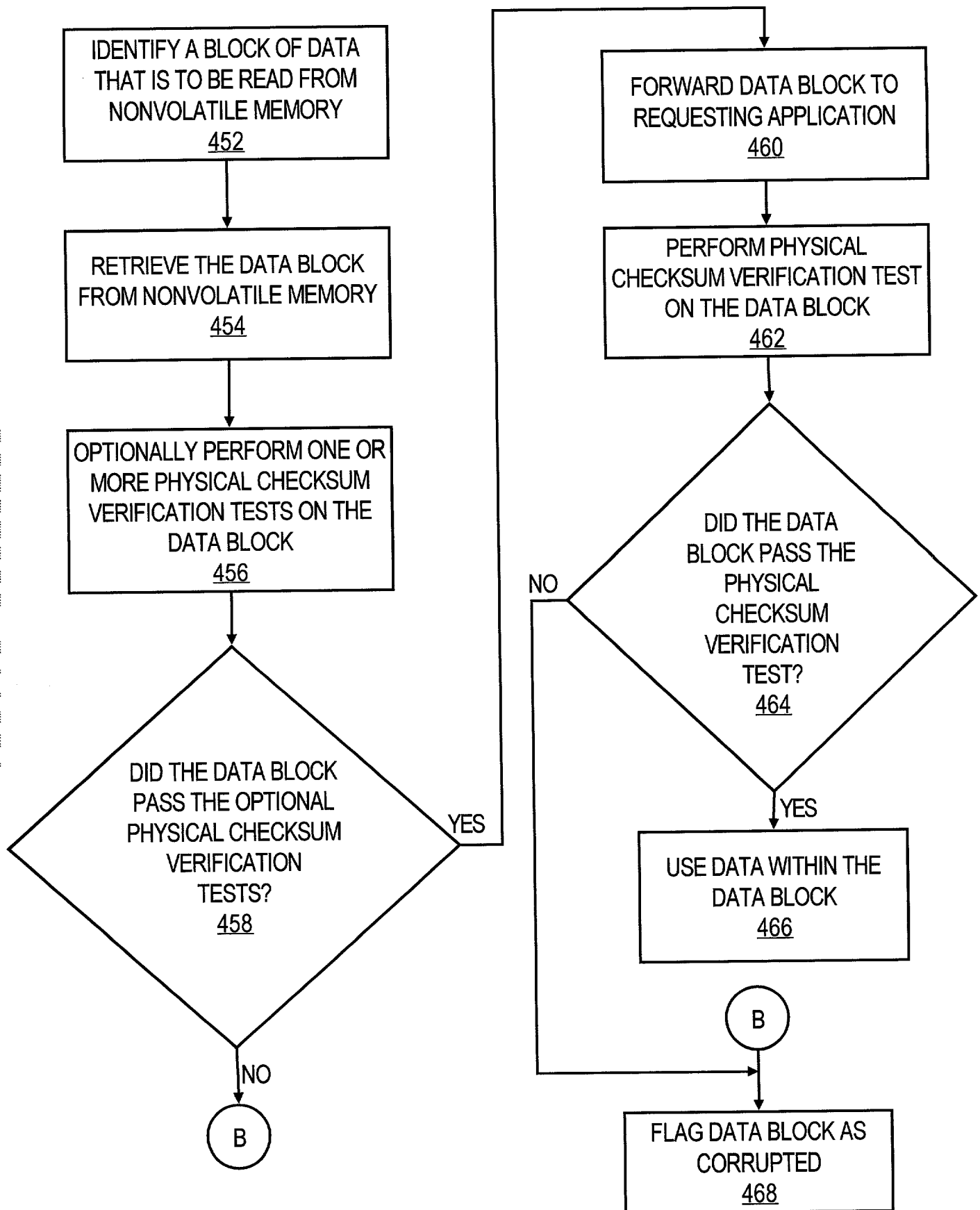


FIG. 5

500
↓

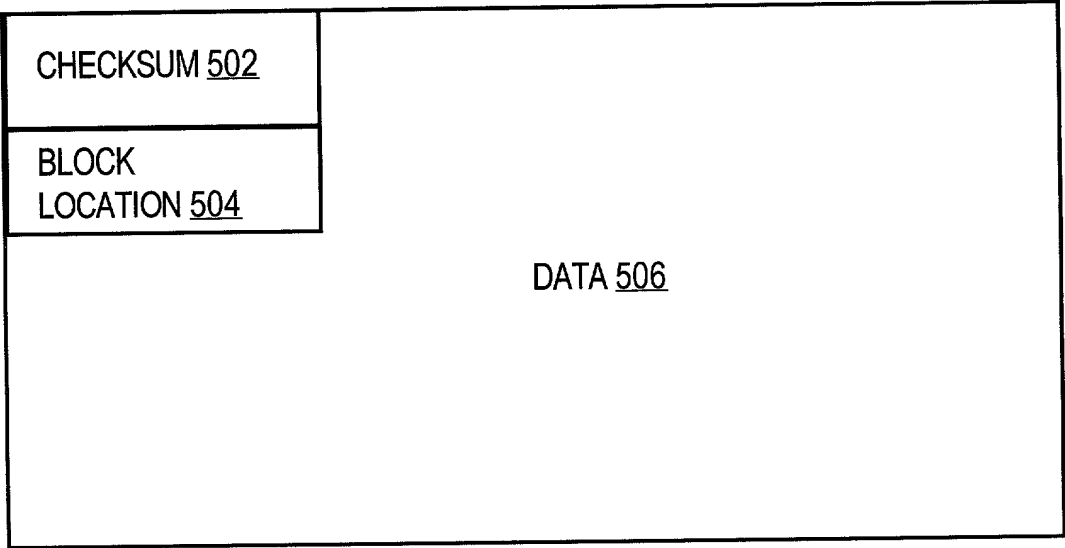


FIG. 6

600
↓

FIG. 6 is a block diagram of a backup system 600. The backup system 600 includes a host 202, a network 108, a data storage unit 112, and a backup device 604. The host 202 includes an application 204, a physical checksum calculation 220, a logical check 222, a disk controller 206, and a backup process 602. The backup process 602 includes a physical checksum verification 224. The network 108 is connected to the disk controller 206 and the disk array 210. The data storage unit 112 includes a disk array 210 and three disks 114, 116, and 118. The backup device 604 includes a CD-ROM drive and a floppy disk drive.

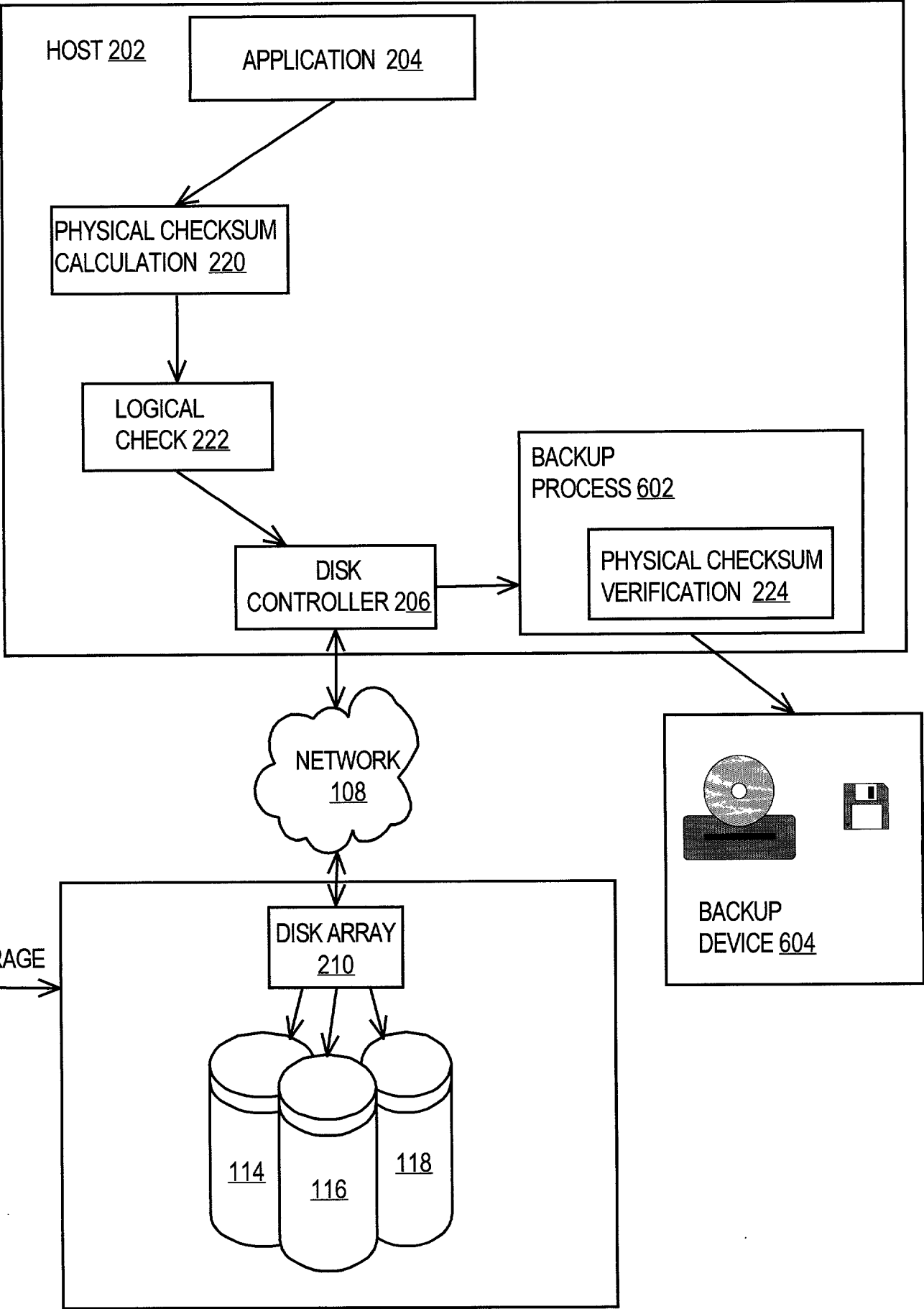


FIG. 7

